

WHAT IS CLAIMED IS:

1. An extruded frame member for use in friction stir welding, said extruded frame member including a plate, wherein:

when viewed from an extruded direction of the extruded frame member, at least one end portion, in a width direction, of the extruded frame member is provided with a protrusion portion which protrudes from an outer side in a thickness direction of the plate from said plate of said extruded frame member; and

protruding from said outer side of said plate, said protrusion portion extends substantially in parallel to an end portion of said plate of said extruded frame member.

2. The extruded frame member according to claim 1, wherein a face of an outer side of said protrusion portion is provided with a triangular shaped groove.

3. An extruded frame member for use in friction stir welding, said extruded frame member including a plate, wherein:

when viewed from an extruded direction of said extruded frame member, a face of one side of the plate, at least one end portion in a width direction of the

extruded frame member, is provided with a triangular shaped groove.

4. An extruded frame member according to claim 3,  
wherein:

in said at least one end portion, a protrusion portion is provided which protrudes from said face of the one side of the plate, in a thickness direction of said extruded frame member; and

to a face of an outer side of said protrusion portion, said triangular shaped groove is provided.